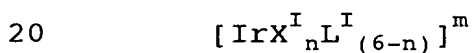


What is claimed is:

1. A silver halide color photographic light-sensitive material having, on a support, at least one yellow dye-forming light-sensitive silver halide emulsion layer, at least one magenta dye-forming light-sensitive silver halide emulsion layer and at least one cyan dye-forming light-sensitive silver halide emulsion layer, and at least one light-insensitive hydrophilic colloid layer that does not develop a color; wherein a total amount of a hydrophilic binder on the emulsion layer-coating side of the support is  $6.0 \text{ g/m}^2$  or less, and at least one of said silver halide emulsion layers contains at least one compound selected from metal complexes represented by formula (I) set forth below and a silver halide emulsion of a 90 mole% or more silver chloride content with a silver bromide-containing phase formed in a layer form;

Formula (I)

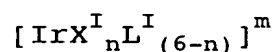


wherein  $\text{X}^{\text{I}}$  represents a halogen ion or a pseudo halogen ion other than a cyanate ion;  $\text{L}^{\text{I}}$  represents a ligand different from  $\text{X}^{\text{I}}$ ; n represents an integer of 3 to 5; and m represents an integer of -5 to +1.

2. A silver halide color photographic light-sensitive

material having, on a support, at least one yellow dye-forming light-sensitive silver halide emulsion layer, at least one magenta dye-forming light-sensitive silver halide emulsion layer and at least one cyan dye-forming light-sensitive silver halide emulsion layer, and at least one light-insensitive hydrophilic colloid layer that does not develop a color; wherein a total amount of a hydrophilic binder on the emulsion layer-coating side of the support is 6.0 g/m<sup>2</sup> or less, and at least one of said silver halide emulsion layers contains at least one compound selected from metal complexes represented by formula (I) set forth below and a silver halide emulsion of a 90 mole% or more silver chloride content with a silver iodide-containing phase formed in a layer form;

Formula (I)

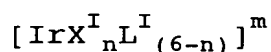


wherein X<sup>I</sup> represents a halogen ion or a pseudo halogen ion other than a cyanate ion; L<sup>I</sup> represents a ligand different from X<sup>I</sup>; n represents an integer of 3 to 5; and m represents an integer of -5 to +1.

3. A silver halide color photographic light-sensitive material having, on a support, at least one yellow dye-forming light-sensitive silver halide emulsion

layer, at least one magenta dye-forming light-sensitive silver halide emulsion layer and at least one cyan dye-forming light-sensitive silver halide emulsion layer, and at least one light-insensitive hydrophilic colloid layer that does not develop a color; wherein a total amount of a hydrophilic binder on the emulsion layer-coating side of the support is 6.0 g/m<sup>2</sup> or less, and at least one of said silver halide emulsion layers contains at least one compound selected from metal complexes represented by formula (I) set forth below and a silver halide emulsion of a 90 mole% or more silver chloride content with a silver bromide-containing phase and a silver iodide-containing phase each formed in a layer form;

Formula (I)



wherein X<sup>I</sup> represents a halogen ion or a pseudo halogen ion other than a cyanate ion; L<sup>I</sup> represents a ligand different from X<sup>I</sup>; n represents an integer of 3 to 5; and m represents an integer of -5 to +1.

4. A silver halide color photographic light-sensitive material having, on a support, at least one yellow dye-forming light-sensitive silver halide emulsion layer, at least one magenta dye-forming light-

sensitive silver halide emulsion layer and at least one cyan dye-forming light-sensitive silver halide emulsion layer, and at least one light-insensitive hydrophilic colloid layer that does not develop a color; wherein a total coating amount of silver in the photographic constituent layers is in the range of 0.2 g/m<sup>2</sup> to 0.5 g/m<sup>2</sup>, and at least one of said silver halide emulsion layers contains at least one compound selected from metal complexes represented by formula (I) set forth below and a silver halide emulsion of a 90 mole% or more silver chloride content with a silver bromide-containing phase and a silver iodide-containing phase each formed in a layer form;

Formula (I)

$$[\text{IrX}_n^{\text{I}}\text{L}_{(6-n)}^{\text{I}}]^m$$

wherein X<sup>I</sup> represents a halogen ion or a pseudo halogen ion other than a cyanate ion; L<sup>I</sup> represents a ligand different from X<sup>I</sup>; n represents an integer of 3 to 5; and m represents an integer of -5 to +1.

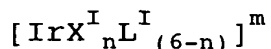
5. The silver halide color photographic light-sensitive material described in any one of the claims 1 to 4, wherein a silver halide emulsion of a silver halide emulsion layer containing a yellow dye-forming coupler comprises silver halide grains having an

equivalent-sphere diameter of 0.6  $\mu\text{m}$  or less.

6. A method of forming images comprising the steps of laser scanning exposing the silver halide color photographic light-sensitive material described in any one of the claims 1 to 4, and subjecting the exposed silver halide color photographic light-sensitive material to developing processing, in a prescribed period of time of 90 seconds or less in terms of dry to dry.

7. A silver halide photographic light-sensitive material having at least one silver halide emulsion layer on a support, wherein said silver halide emulsion layer contains at least two silver halide emulsions with 90 mole% or more of silver chloride which have different sensitivities from each other, and at least one of said silver halide emulsions contains at least one compound selected from metal complexes represented by formula (I) set forth below;

Formula (I)

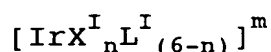


wherein  $\text{X}^{\text{I}}$  represents a halogen ion or a pseudo halogen ion other than a cyanate ion;  $\text{L}^{\text{I}}$  represents a ligand different from  $\text{X}^{\text{I}}$ ;  $n$  represents an integer of 3 to 5; and  $m$  represents an integer of -5 to +1.

8. A silver halide photographic light-sensitive material having at least one silver halide emulsion layer on a support, wherein said silver halide emulsion layer contains at least two silver halide emulsions with 90 mole% or more of silver chloride which have different sensitivities from each other, and at least one of said silver halide emulsions containing at least one compound selected from metal complexes represented by formula (II) set forth below;
- Formula (II)
- $$[MX_{n1}^{II}L_{(6-n1)}^{II}]^{m1}$$
- wherein M represents Cr, Mo, Re, Fe, Ru, Os, Co, Rh, Pd or Pt;  $X^{II}$  represents a halogen ion;  $L^{II}$  represents a ligand different from  $X^{II}$ ;  $n1$  represents an integer of 3 to 6; and  $m1$  represents a charge of the metal complex and it is an integer of -4 to +1.
9. A silver halide photographic light-sensitive material having at least one silver halide emulsion layer on a support, wherein said silver halide emulsion layer contains at least two silver halide emulsions with 90 mole% or more of silver chloride which have different sensitivities from each other, and at least one of said silver halide emulsions

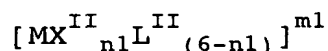
contains at least one compound selected from metal complexes represented by formula (I) and at least one compound selected from metal complexes represented by formula (II) respectively set forth below;

Formula (I)



wherein  $\text{X}^{\text{I}}$  represents a halogen ion or a pseudo halogen ion other than a cyanate ion;  $\text{L}^{\text{I}}$  represents a ligand different from  $\text{X}^{\text{I}}$ ; n represents an integer of 3 to 5; and m represents an integer of -5 to +1;

Formula (II)



wherein M represents Cr, Mo, Re, Fe, Ru, Os, Co, Rh, Pd or Pt;  $\text{X}^{\text{II}}$  represents a halogen ion;  $\text{L}^{\text{II}}$  represents a ligand different from  $\text{X}^{\text{II}}$ ; n1 represents an integer of 3 to 6; and m1 represents a charge of the metal complex and it is an integer of -4 to +1.

10. The silver halide photographic light-sensitive material described in the claim 7 or 9, wherein the content of at least one compound selected from said metal complexes represented by formula (I) per mole of silver halide is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of

said two silver halide emulsions which have different sensitivities from each other.

11. The silver halide photographic light-sensitive material described in the claim 7 or 9, wherein an average content of at least one compound selected from said metal complexes represented by formula (I) per grain of silver halide is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of said two silver halide emulsions with different sensitivities from each other.
12. The silver halide photographic light-sensitive material described in the claim 7 or 9, wherein a degree of desensitization due to at least one compound selected from said metal complexes represented by formula (I) is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of said two silver halide emulsions with different sensitivities from each other.
13. The silver halide photographic light-sensitive material described in the claim 8 or 9, wherein the content of at least one compound selected from said metal complexes represented by formula (II) per mole of silver halide is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of said two silver halide emulsions with different



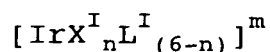
sensitivities from each other.

14. The silver halide photographic light-sensitive material described in the claim 8 or 9, wherein an average content of at least one compound selected from said metal complexes represented by formula (II) per grain of silver halide is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of said two silver halide emulsions with different sensitivities from each other.
15. The silver halide photographic light-sensitive material described in the claim 8 or 9, wherein a degree of desensitization due to at least one compound selected from said metal complexes represented by formula (II) is greater in a lower sensitivity emulsion than in a higher sensitivity emulsion of said two silver halide emulsions with different sensitivities from each other.
16. The silver halide photographic light-sensitive material described in any one of the claims 7 to 9, wherein said two silver halide emulsions with different sensitivities from each other contain silver halide grains having an equivalent-sphere diameter of  $0.6\text{ }\mu\text{m}$  or less respectively.
17. A silver halide color photographic light-sensitive

material having, on a support, photographic  
constituent layers comprising at least one silver  
halide emulsion layer containing a yellow dye-  
forming coupler, at least one silver halide emulsion  
5 layer containing a magenta dye-forming coupler and  
at least one silver halide emulsion layer containing  
a cyan dye-forming coupler, and at least one light-  
insensitive hydrophilic colloid layer, wherein a  
total coating amount of silver in the photographic  
10 constituent layers is in the range of 0.20 g/m<sup>2</sup> to  
0.50 g/m<sup>2</sup>, and at least one of said silver halide  
emulsion layers contains at least one silver halide  
emulsion (i) set forth below:

(i) a silver halide emulsion containing silver  
15 halide emulsion grains having a silver chloride  
content of 90 mole% or more and containing at least  
one compound selected from metal complexes  
represented by formula (I) set forth below and at  
least one compound selected from metal complexes  
20 represented by formula (II) set forth below;

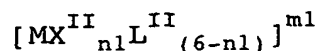
Formula (I)



wherein X<sup>I</sup> represents a halogen ion or a pseudo  
halogen ion; L<sup>I</sup> represents a ligand different from  
25 X<sup>I</sup>; n represents an integer of 3 to 5; and m

represents an integer of -5 to +1;

Formula (II)



wherein M represents Cr, Mo, Re, Fe, Ru, Os, Co, Rh,

5 Pd or Pt;  $X^{II}$  represents a halogen ion;  $L^{II}$

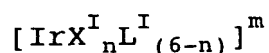
represents a ligand different from  $X^{II}$ ; nl

represents an integer of 3 to 6; and m1 represents  
an integer of -5 to +1.

18. A silver halide color photographic light-sensitive  
10 material having, on a support, photographic  
constituent layers comprising at least one silver  
halide emulsion layer containing a yellow dye-  
forming coupler, at least one silver halide emulsion  
layer containing a magenta dye-forming coupler and  
15 at least one silver halide emulsion layer containing  
a cyan dye-forming coupler, and at least one light-  
insensitive hydrophilic colloid layer, wherein a  
total coating amount of gelatin in the  
photographic constituent layers is in the  
20 range of 3.0 g/m<sup>2</sup> to 6.0 g/m<sup>2</sup>, and at least one of  
said silver halide emulsion layers contains said  
silver halide emulsion of (i) set forth below;  
(i) a silver halide emulsion containing silver  
halide emulsion grains having a silver chloride  
25 content of 90 mole% or more and containing at least

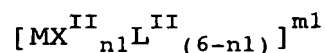
one compound selected from metal complexes represented by formula (I) set forth below and at least one compound selected from metal complexes represented by formula (II) set forth below;

5 Formula (I)



wherein  $\text{X}^{\text{I}}$  represents a halogen ion or a pseudo halogen ion;  $\text{L}^{\text{I}}$  represents a ligand different from  $\text{X}^{\text{I}}$ ; n represents an integer of 3 to 5; and m  
10 represents an integer of -5 to +1;

Formula (II)



wherein M represents Cr, Mo, Re, Fe, Ru, Os, Co, Rh, Pd or Pt;  $\text{X}^{\text{II}}$  represents a halogen ion;  $\text{L}^{\text{II}}$   
15 represents a ligand different from  $\text{X}^{\text{II}}$ ; n1 represents an integer of 3 to 6; and m1 represents an integer of -5 to +1.

19. The silver halide color photographic light-sensitive material described in the claim 17 or 18, on a  
20 support, having constituent layers compising at least one silver halide emulsion layer containing a yellow dye-forming coupler, at least one silver halide emulsion layer containing a magenta dye-forming coupler and at least one silver halide  
25 emulsion layer containing a cyan dye-forming coupler,

and at least one light-insensitive hydrophilic  
colloid layer, wherein an average equivalent-sphere  
diameter of entire silver halide emulsion grains  
contained in said silver halide emulsion layers is  
5 0.50  $\mu\text{m}$  or less.

20. A silver halide color photographic light-sensitive  
material having, on a support, photographic  
constituent layers comprising at least one silver  
halide emulsion layer containing a yellow dye-  
10 forming coupler, at least one silver halide emulsion  
layer containing a magenta dye-forming coupler and  
at least one silver halide emulsion layer containing  
a cyan dye-forming coupler, and at least one light-  
insensitive hydrophilic colloid layer, wherein a  
15 silver halide emulsion of said silver halide  
emulsion layer containing a yellow dye-forming  
coupler is an emulsion containing cubic or  
decatetrahedral silver halide grains having an  
average equivalent-sphere diameter of 0.35 to 0.65  
20  $\mu\text{m}$  with a silver iodide content of 0.1 mole% or more  
and a silver chloride content of 95 mole% or more  
and a silver halide emulsion of said silver halide  
emulsion layer containing a magenta dye-forming  
coupler and a silver halide emulsion of said silver  
25 halide emulsion layer containing a cyan dye-forming

coupler are each an emulsion containing cubic or decahedral silver halide grains having an average equivalent-sphere diameter of 0.35 to 0.65  $\mu\text{m}$  with a silver chloride content of 95 mole% or more.

5

21. A silver halide color photographic light-sensitive material used for a laser exposure and a rapid processing in which images are formed by starting a color development of a color developing for a period

10 of time of 28 seconds or less within 9 seconds of a latent image-keeping time after completion of a scanning exposure by laser, said silver halide color photographic light-sensitive material having, on a support, photographic constituent layers comprising

15 at least one silver halide emulsion layer containing a yellow dye-forming coupler, at least one silver halide emulsion layer containing a magenta dye-forming coupler and at least one silver halide emulsion layer containing a cyan dye-forming coupler,

20 and at least one light-insensitive hydrophilic colloid layer, wherein a silver halide emulsion of said silver halide emulsion layer containing a yellow dye-forming coupler is an emulsion containing cubic or decahedral silver halide grains having

25 an average equivalent-sphere diameter of 0.35 to

0.65  $\mu\text{m}$  with a silver iodide content of 0.1 mole% or more and a silver chloride content of 95 mole% or more and a silver halide emulsion of said silver halide emulsion layer containing a magenta dye-forming coupler and a silver halide emulsion of said silver halide emulsion layer containing a cyan dye-forming coupler are each an emulsion containing cubic or decahedral silver halide grains having an average equivalent-sphere diameter of 0.35 to 0.65  $\mu\text{m}$  with a silver chloride content of 95 mole% or more.

22. The silver halide color photographic light-sensitive material according to the preceding claim 20 or 21, wherein an interlayer difference for the average equivalent-sphere diameter among said silver halide emulsion of the silver halide emulsion layer containing a yellow dye-forming coupler, said silver halide emulsion of the silver halide emulsion layer containing a magenta dye-forming coupler and said silver halide emulsion of the silver halide emulsion layer containing a cyan dye-forming coupler, is within 50% respectively.

23. The silver halide color photographic light-sensitive material according to the preceding claim 20 or 21, wherein an interlayer difference of the average

- equivalent-sphere diameter among said silver halide emulsion of the silver halide emulsion layer containing a yellow dye-forming coupler, said silver halide emulsion of the silver halide emulsion layer containing a magenta dye-forming coupler and said silver halide emulsion of the silver halide emulsion layer containing a cyan dye-forming coupler is within 30% respectively.
- 5
24. The silver halide color photographic light-sensitive material according to the preceding claim 20 or 21, wherein a total coating amount of silver of said silver halide emulsion of the silver halide emulsion layer containing a yellow dye-forming coupler, said silver halide emulsion of the silver halide emulsion layer containing a magenta dye-forming coupler and said silver halide emulsion of the silver halide emulsion layer containing a cyan dye-forming coupler is in the range of 0.25 to 0.46 g/m<sup>2</sup>.
- 10
- 15
25. The silver halide color photographic light-sensitive material according to the preceding claim 20 or 21, wherein a coating amount of silver of said silver halide emulsion of the silver halide emulsion layer containing a yellow dye-forming coupler, said silver halide emulsion of the silver halide emulsion layer containing a magenta dye-forming coupler and said
- 20
- 25



silver halide emulsion of the silver halide emulsion layers containing a cyan dye-forming coupler is in the range of 0.07 to 0.2 g/m<sup>2</sup> respectively.